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(71) Applicant (for all designated States except US): **GIVEN IMAGING LTD.** [IL/IL]; P.O.B 258, 20692 Yoqneam Ilite (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PALTI, Yoram** [IL/IL]; 51 Ruth Street, 34404 Haifa (IL).

(74) Agents: **EITAN, PEARL, LATZER & CO-HEN-ZEDEK** et al.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

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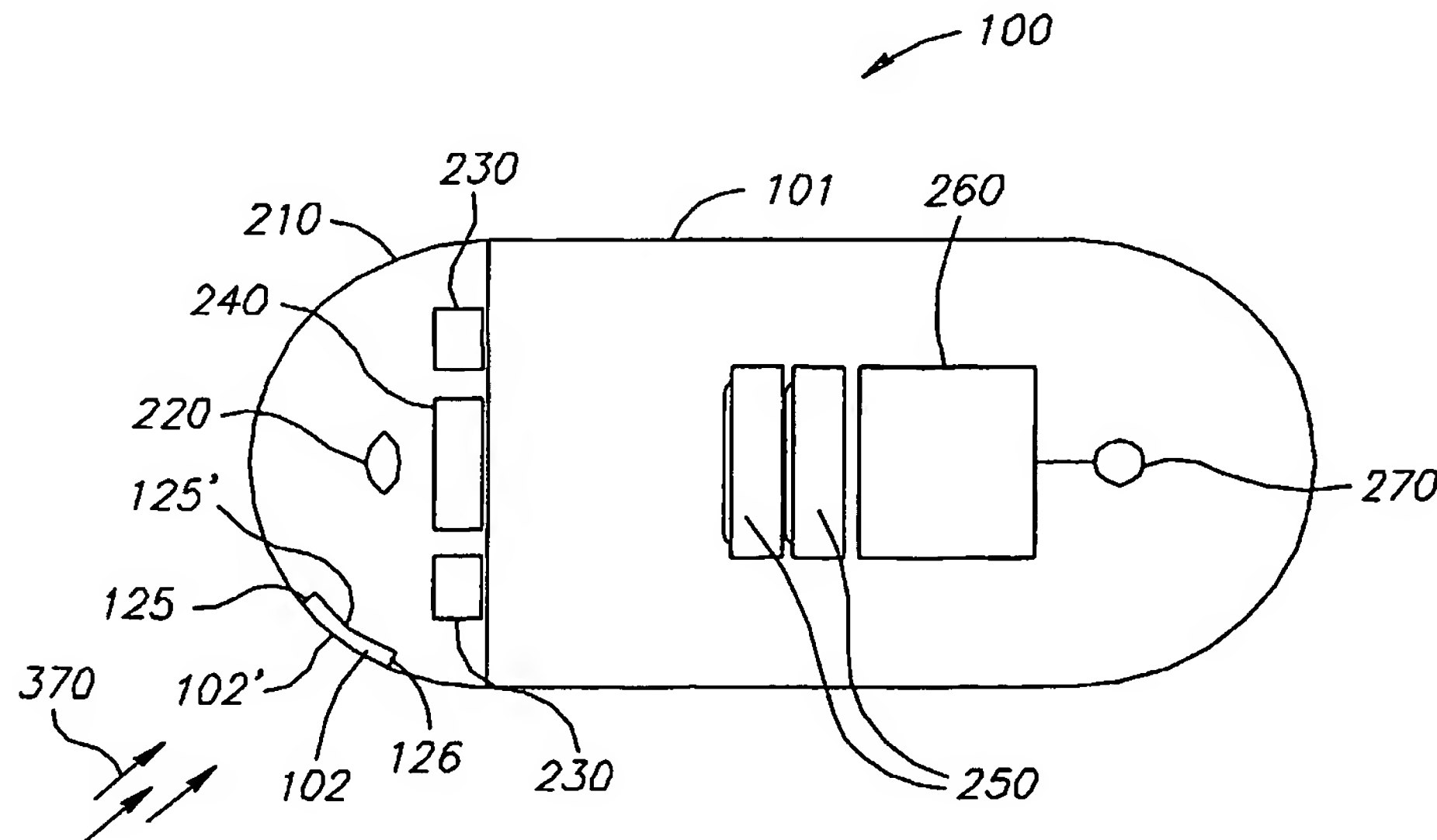
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(54) Title: **SYSTEM FOR IN VIVO SAMPLING AND ANALYSIS**



(57) **Abstract:** A system for in vivo analysis which includes agglutinative particles capable of interacting with at least one analyte so as to cause an optical change; and at least one in vivo imaging system (220, 230, 240) configured for detecting the optical change in vivo. The system may be incorporated within an ingestible capsule (100).

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